

# HYBRID COUPLER

## PART NO. : WVH-2X2-N-01

### ◆ APPLICATION

> 700MHz ~ 2700MHz Band System

### ◆ FEATURE

> High Reliability  
> **RoHS Compliant**

### ◆ ELECTRICAL SPECIFICATION

| ITEM                          | SPECIFICATION           |
|-------------------------------|-------------------------|
| Frequency Range (MHz)         | 700 ~ 2700              |
| Splitter Loss                 | 3.0dB                   |
| Insertion Loss                | 0.15dB                  |
| Coupling Tolerance            | ±0.5dB                  |
| Isolation                     | 25.0dB Min              |
| VSWR                          | 1.2:1 Max               |
| Intermodulation production    | -150dBc @ +43dBm 2 tone |
| Power handling per input port | 80W Max                 |
| In/Out Impedance              | 50 Ohms Nominal         |

### ◆ ENVIRONMENTAL SPECIFICATIONS

| ITEM                        | SPECIFICATION         |
|-----------------------------|-----------------------|
| Operating Temperature Range | -30°C to +75°C , IP65 |

### ◆ MECHANICAL SPECIFICATIONS

| ITEM               | SPECIFICATION                             |
|--------------------|-------------------------------------------|
| Dimension          | 126.0 x 46.0.0 x 22.0 Max (Unit:mm)       |
| Mounting Points    | See Outline Drawing                       |
| RF Connector       | Input & Output Ports : N Female Connector |
| Connector Position | See Outline Drawing                       |
| Finish             | Gray Color Epoxy Coating                  |

# HYBRID COUPLER

## ◆ OUTLINE DRWAING

